The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

10/31/11

Sheila Lawn
Assistant District Attorney, Suffolk County

Dear Ms. Lawn,

Enclosed is the information you requested in regards to Commonwealth vs. ███████ ███████ Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Control Cards with analytical results for sample #'s ████████████████

3. Analysis sheets with chemist's hand notations and test results.

4. GC/Mass Spectral analytical data for sample #'s ████████████

GC/MS testing was performed by Nicole Medina. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett

Kate Corbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632

cc: NEM

BostonPolice
DEPARTMENT

DRUG RECEIPT

CC # ████████

BOOK # 68

PAGE # 93

DESTRUCTION # _____

District/Unit __D4 / DK01F__

Name & Rank of Arresting Officer _____ ID# 91893/ 86209

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████	████████	Boston	MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
G' A HEROIN (TAN POWDER)	1 P/B	4.39gr	████
G 'B' SUBOXONE (ORANGE PILL)	1 BROKEN PILL	4.01 gr	████

To be completed by ECU personnel only

Name and Rank of Submitting Officer _Sybil Whick_ ID# _11064_

Received by _N/A_   Date _8.5.11_

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

No. ████████

City: Boston D.C.U. Police Dept.

Date Analyzed: 09-22-11

Officer: P.O. SYBIL WHITE

Def: ████████

Amount:

No. Cont: 1   Cont: pb

Subst: SUB

Date Rec'd: 08/05/2011

Gross Wt.: 4.39

No. Analyzed:

Net Weight: 0.26 g

Tests: SUK

∞2 Nem

Prelim: Heroin

Findings: Heroin

No. ████████

City: Boston D.C.U. Police Dept.

Date Analyzed: 09-22-11

Officer: P.O. SYBIL WHITE

Def: ████████

Amount: 1.0

Subst: TAB   Broken

No. Cont: 1   Cont: pb

Date Rec'd: 08/05/2011

Gross Wt.: 4.01

No. Analyzed:

Net Weight: 0.28 g

Tests: UUA

∞2 Nem

Prelim: Buprenorphine

Findings: Buprenorphine

DRUG POWDER ANALYSIS FORM

SAMPLE # ████████   AGENCY _Boston_   ANALYST _KAC_

No. of samples tested: _1_   Evidence Wt. _OK_

PHYSICAL DESCRIPTION:

1 pb containing tan
powder

pb inside cello

Gross Wt ( ): _0.3435g_

Gross Wt ( ): _____

Pkg. Wt: _0.089g_

Net Wt: _0.2646g_

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ( ) _+ blue_

Marquis _+ purple_

Froehde's _+ purple_

Mecke's _+ green_

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS _Heroin_

DATE _9/14/11_

GC/MS CONFIRMATORY TEST

RESULTS _Heroin_

MS OPERATOR _NEM_

DATE _9/22/11_

Revised 7/2005

DRUG POWDER ANALYSIS FORM

SAMPLE # ▮▮▮▮▮▮▮ **AGENCY** Boston **ANALYST** KAC OK

No. of samples tested: 1 **Evidence Wt.**

PHYSICAL DESCRIPTION:

2 pieces of a broken orange tablet

Gross Wt ( ): ___

Gross Wt ( ): ___

Pkg. Wt: ___

Direct

Net Wt: 0.2580dg

PRELIMINARY TESTS
Spot Tests

Cobalt Thiocyanate ( ) + blue-green

Marquis ___

Froehde's + purple

Mecke's ___

Microcrystalline Tests

Gold Chloride ___

TLTA ( ) ___

OTHER TESTS

GC-① for Buprenorphine Compared to Buprenorphine Std.

PRELIMINARY TEST RESULTS
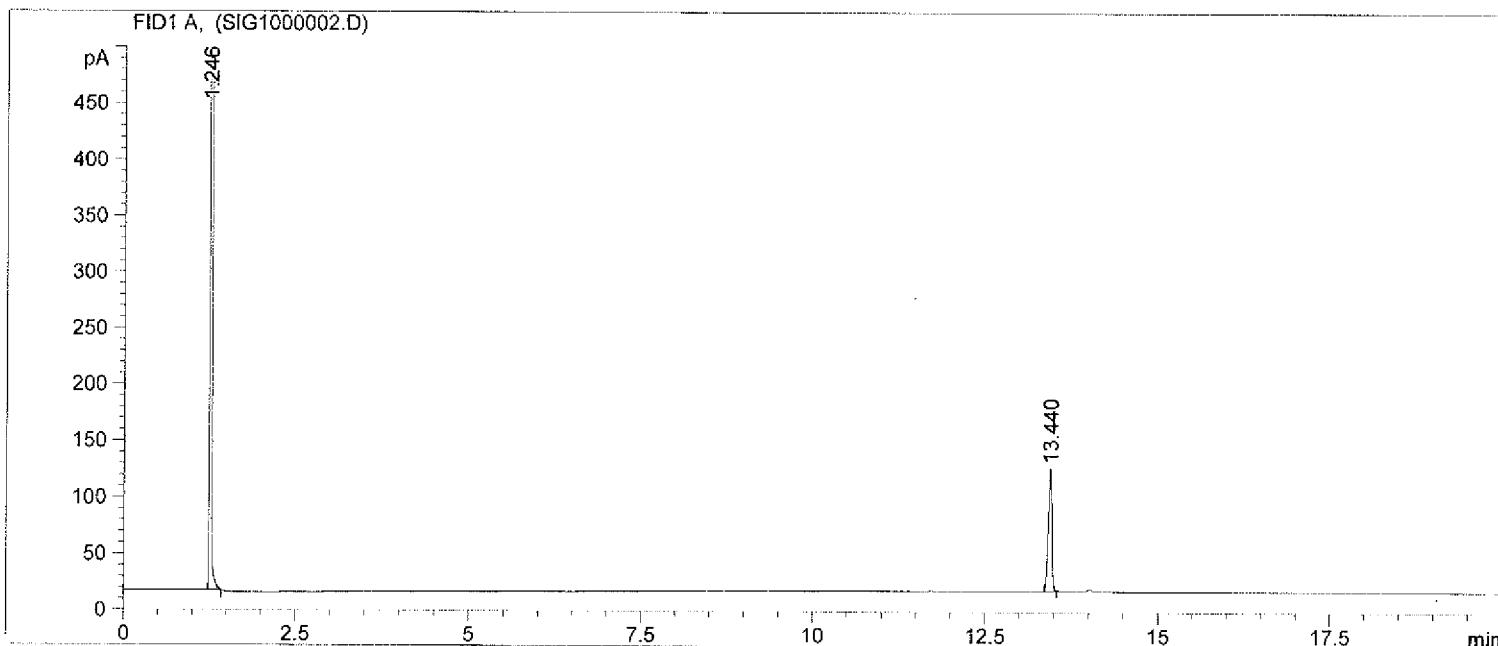
RESULTS Buprenorphine

DATE 9/9/11

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS OPERATOR NEM

DATE 9/22/11

Data File C:\CHEM32\1\DATA\SIG1000002.D
Sample Name: BUPRENORPHINE STD

```
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : Drug Lab GC#3            Location : Vial 2
Injection Date  : 9/15/2011 8:27:03 AM          Inj :    1
                                          Inj Volume : 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\BUPRENORPHINE.M
Last changed    : 3/7/2011 1:14:28 PM
```


===
                  Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

```
Peak RetTime Sig Type    Area      Height      Area
 #   [min]            [pA*s]       [pA]          %
---|-------|---|----|----------|-----------|--------|
  1   1.246   1  BB S 8.41884e4  8.10632e4  99.53588
  2  13.440   1  BB     392.56006 107.70788  0.46412

Totals :              8.45809e4  8.11709e4
```

===
                 *** End of Report ***
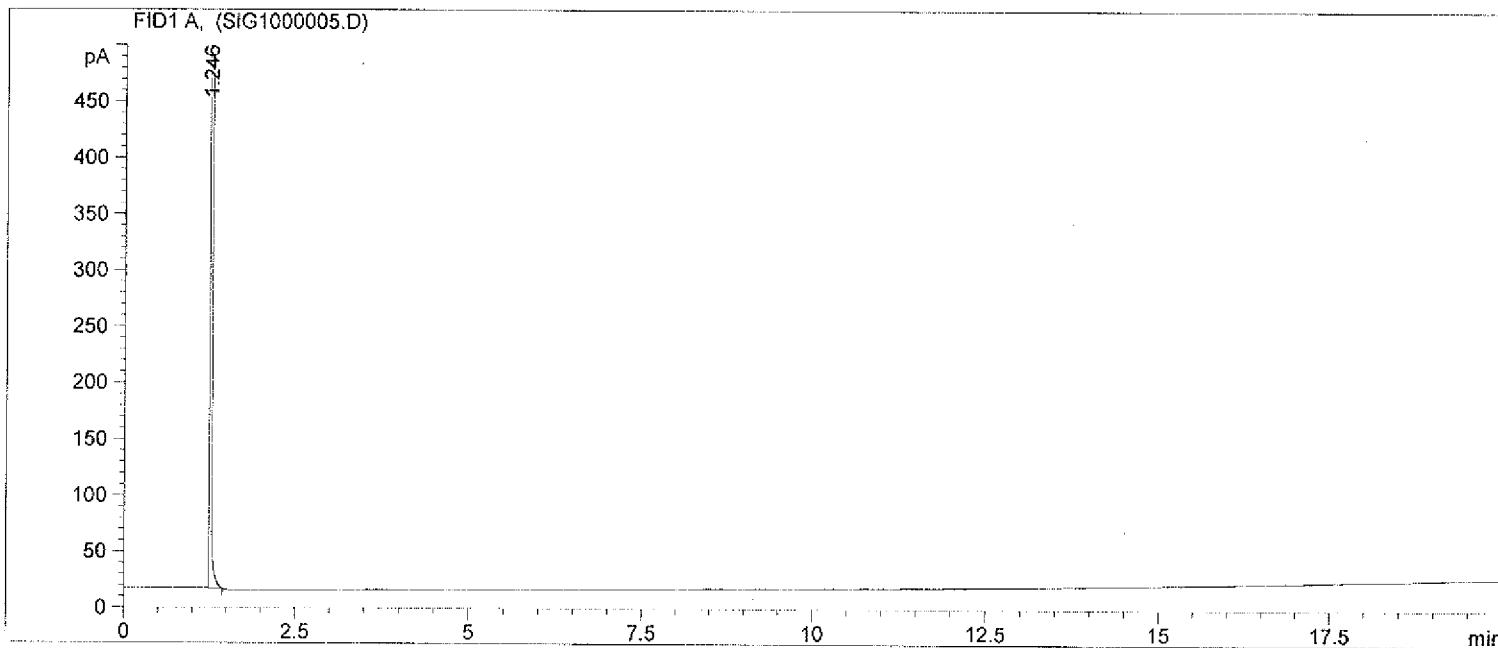
Data File C:\CHEM32\1\DATA\SIG1000005.D
Sample Name: Blank
===

Acq. Operator   : ASD   Seq. Line :   5
Acq. Instrument : Drug Lab GC#3   Location : Vial 5
Injection Date : 9/15/2011 9:40:03 AM   Inj :   1
                                               Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\BUPRENORPHINE.M
Last changed   : 3/7/2011 1:14:28 PM
===

===
                        Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
 #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|-----------|--------|
  1   1.246 1 BB S 7.77117e4   8.25105e4   1.000e2
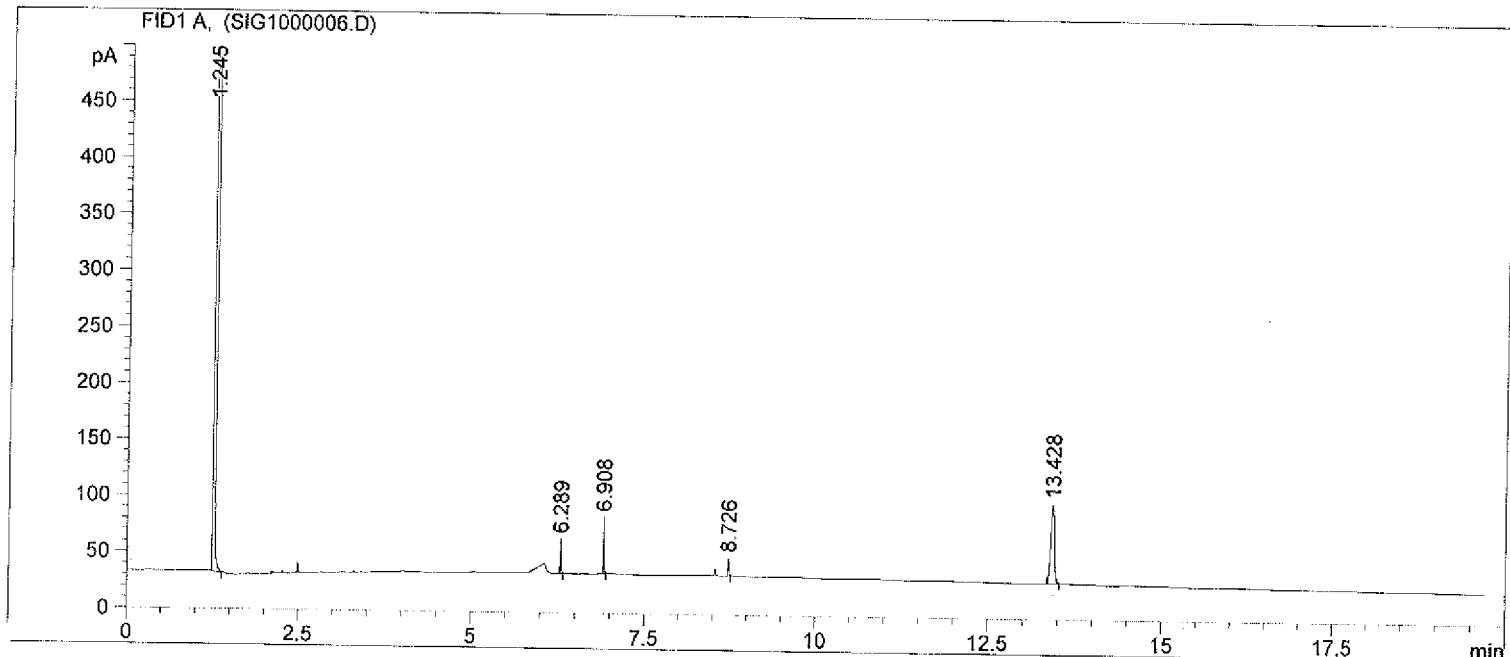
Totals :   7.77117e4   8.25105e4

===
                        *** End of Report ***

Drug Lab GC#3 9/15/2011 10:00:04 AM ASD   Page   1 of 1

Data File C:\CHEM32\1\DATA\SIG1000006.D
Sample Name: ███████████

```
==========================================================================
```

Acq. Operator   : ASD   Seq. Line :   6
Acq. Instrument : Drug Lab GC#3   Location : Vial 6
Injection Date : 9/15/2011 10:04:22 AM   Inj :   1
                                             Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\BUPRENORPHINE.M
Last changed   : 3/7/2011 1:14:28 PM

```
==========================================================================
```



```
==========================================================================
```

Area Percent Report

```
==========================================================================
```

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.245	1	BB S	8.10187e4	7.77154e4	99.58599
2	6.289	1	BB	24.56930	30.69967	0.03020
3	6.908	1	BB	40.49729	50.24115	0.04978
4	8.726	1	BB	18.45243	15.67116	0.02268
5	13.428	1	BB	253.30182	70.55910	0.31135
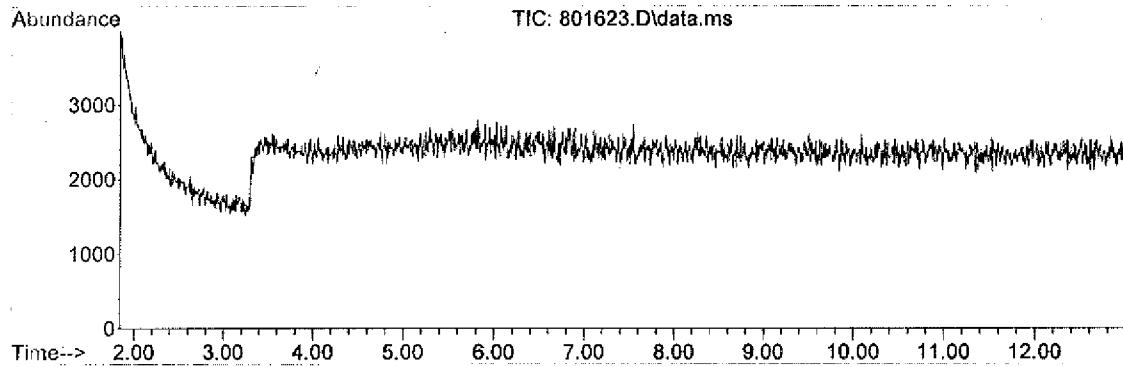
Totals :   8.13555e4   7.78825e4

```
==========================================================================
```

*** End of Report ***

```
==========================================================================
```

10/27/11
NEM ✓

Information from Data File:
```
File Name      : K:\09_20_11\801623.D
Operator       : NEM
Date Acquired  : 20 Sep 2011  15:23
Sample Name    : BLANK
Submitted by   :
Vial Number    :   1
AcquisitionMeth: DRUGS.M
Integrator     : RTE
```
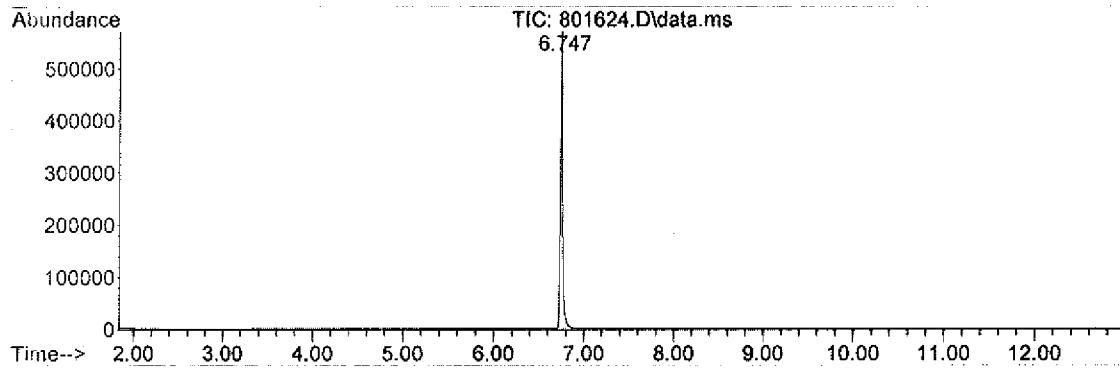
Abundance   TIC: 801623.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : K:\09_20_11\801624.D
Operator   : NEM
Date Acquired   : 20 Sep 2011   15:40
Sample Name   : HEROIN STD
Submitted by   :
Vial Number   : 24
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance
                                    TIC: 801624.D\data.ms
                                        6.747
 500000
 400000
 300000
 200000
 100000
      0
Time--> 2.00   3.00   4.00   5.00   6.00   7.00   8.00   9.00   10.00   11.00   12.00
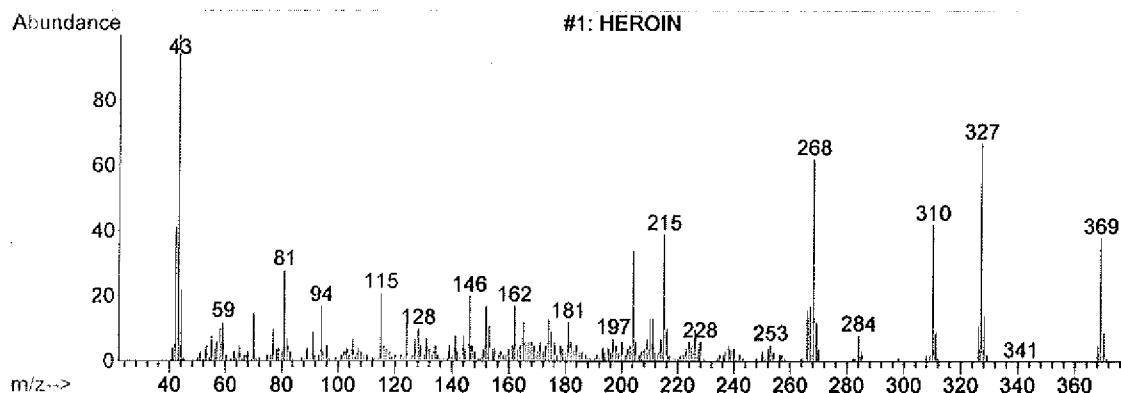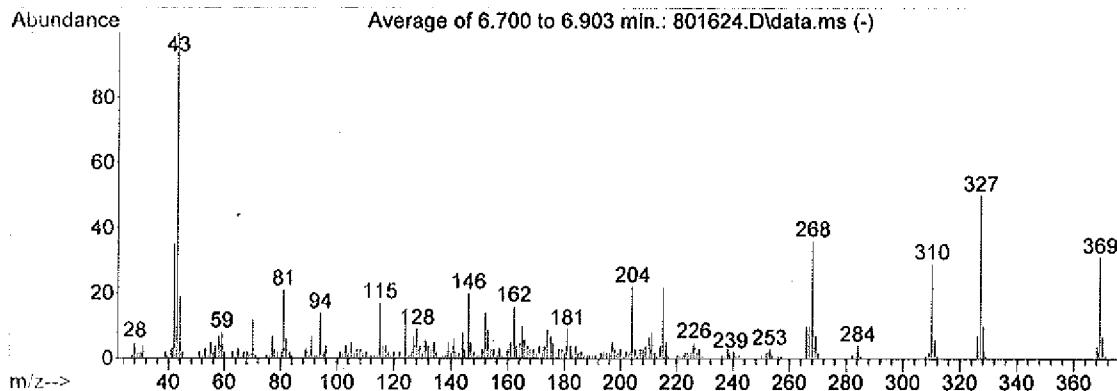
Ret. Time	Area	Area %	Ratio %
6.747	916221	100.00	100.00

801624.D   Thu Oct 27 14:56:26 2011   Page   1

Information from Data File:
File Name   : K:\09_20_11\801624.D
Operator   : NEM
Date Acquired : 20 Sep 2011   15:40
Sample Name   : HEROIN STD
Submitted by   :
Vial Number   :   24
AcquisitionMeth: DRUGS.M
Integrator   : RTE
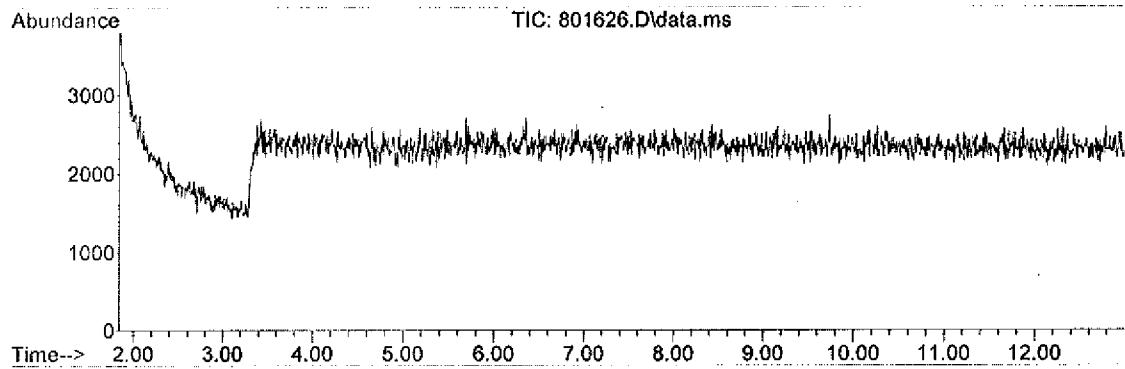
Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.75	C:\Database\SLI.L		
		HEROIN	000561-27-3	99

Average of 6.700 to 6.903 min.: 801624.D\data.ms (-)

#1: HEROIN

801624.D   Thu Oct 27 14:56:26 2011   Page   2

Information from Data File:
File Name   : K:\09_20_11\801626.D
Operator   : NEM
Date Acquired : 21 Sep 2011   7:07
Sample Name   : BLANK
Submitted by : KAC
Vial Number   : 1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
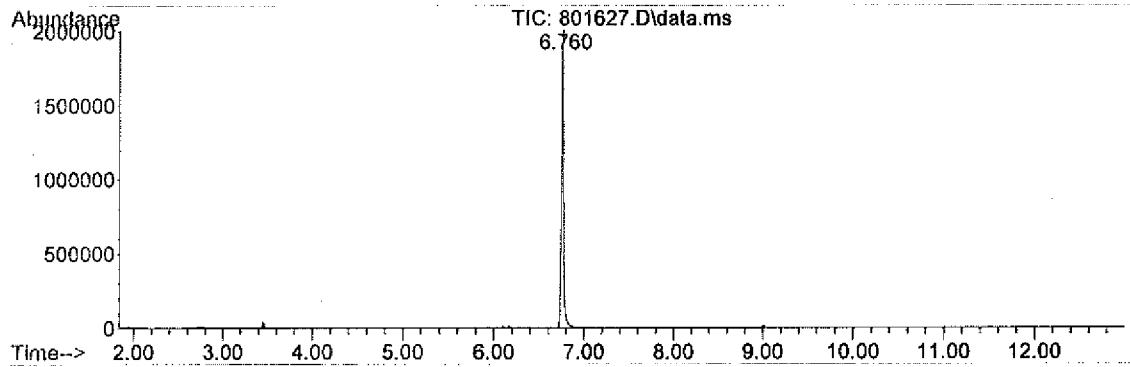
Abundance   TIC: 801626.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : K:\09_20_11\801627.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   7:23
Sample Name   : ████████████
Submitted by   : KAC
Vial Number   : 27
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance
```
2000000                        TIC: 801627.D\data.ms
                                6.760
1500000

1000000

 500000

      0
Time--> 2.00  3.00  4.00  5.00  6.00  7.00  8.00  9.00  10.00  11.00  12.00
```
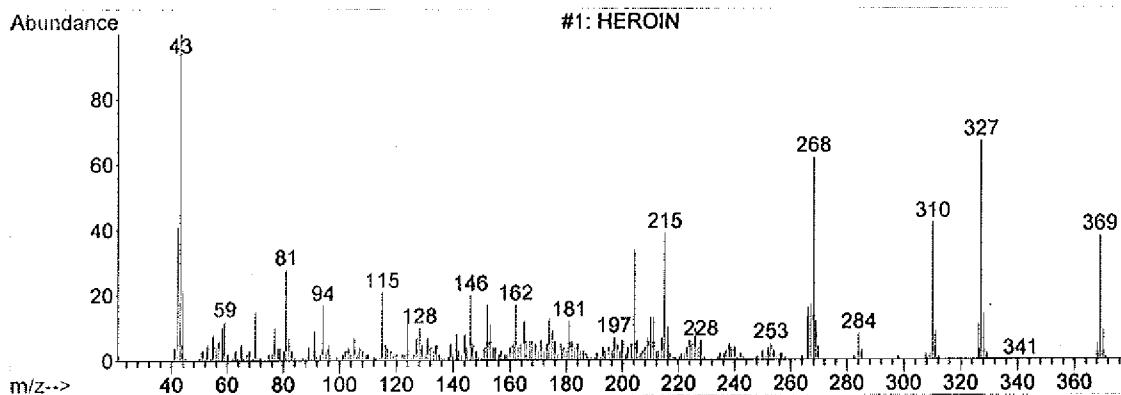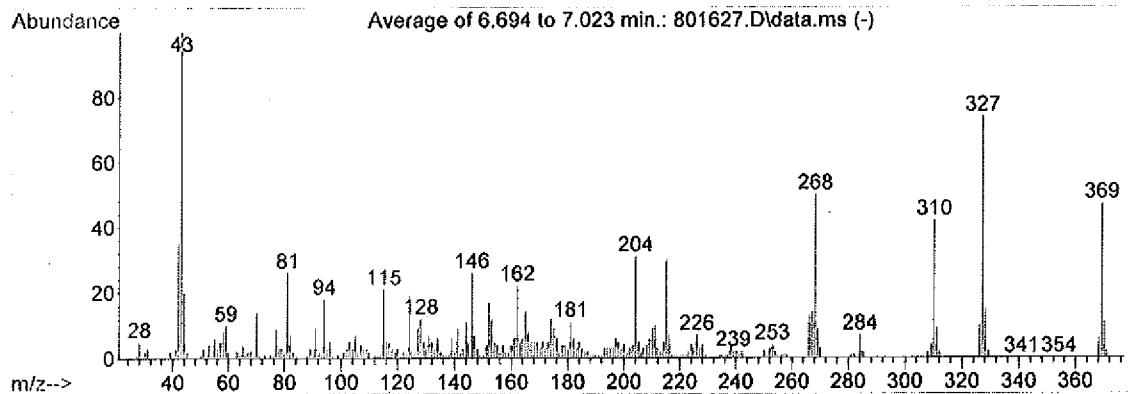
Ret. Time	Area	Area %	Ratio %
6.760	3327313	100.00	100.00

Information from Data File:
File Name   : K:\09_20_11\801627.D
Operator   : NEM
Date Acquired : 21 Sep 2011   7:23
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 27
AcquisitionMeth: DRUGS.M
Integrator   : RTE
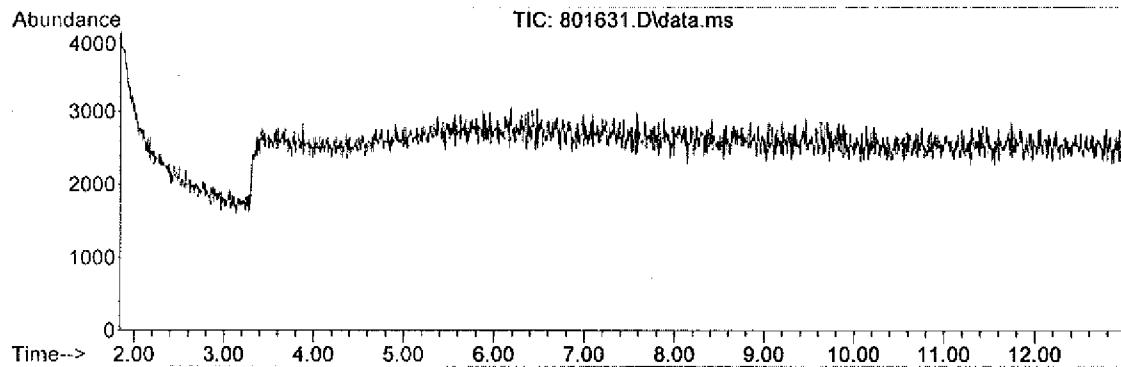
Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.76	C:\Database\SLI.L		
		HEROIN	000561-27-3	99

Abundance   Average of 6.694 to 7.023 min.: 801627.D\data.ms (-)

Abundance   #1: HEROIN

Information from Data File:
File Name   : K:\09_20_11\801631.D
Operator   : NEM
Date Acquired : 21 Sep 2011   8:22
Sample Name   : BLANK
Submitted by   :
Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
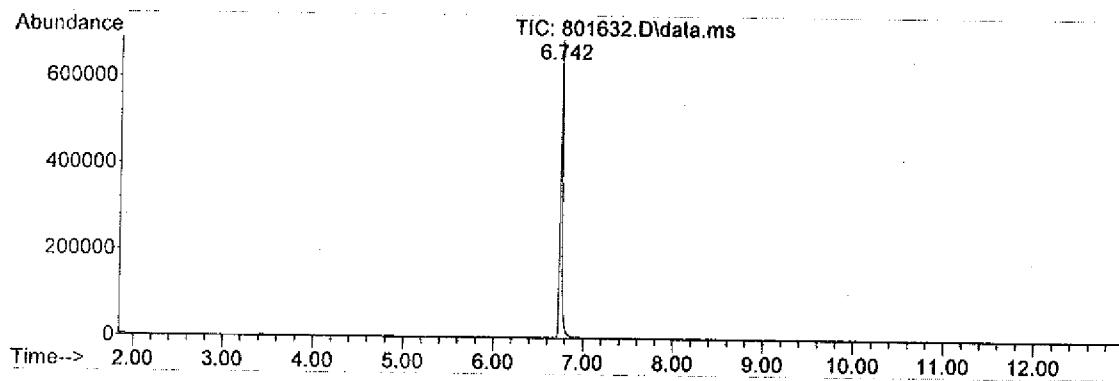
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

801631.D   Thu Oct 27 14:57:06 2011   Page 1

Information from Data File:
File Name   : K:\09_20_11\801632.D
Operator   : NEM
Date Acquired : 21 Sep 2011   8:38
Sample Name   : HEROIN STD
Submitted by :
Vial Number   : 24
AcquisitionMeth: DRUGS.M
Integrator   : RTE
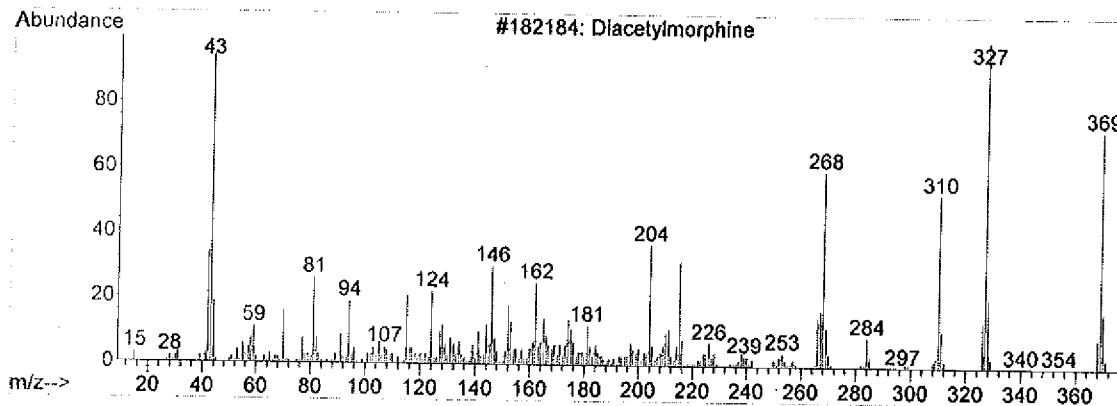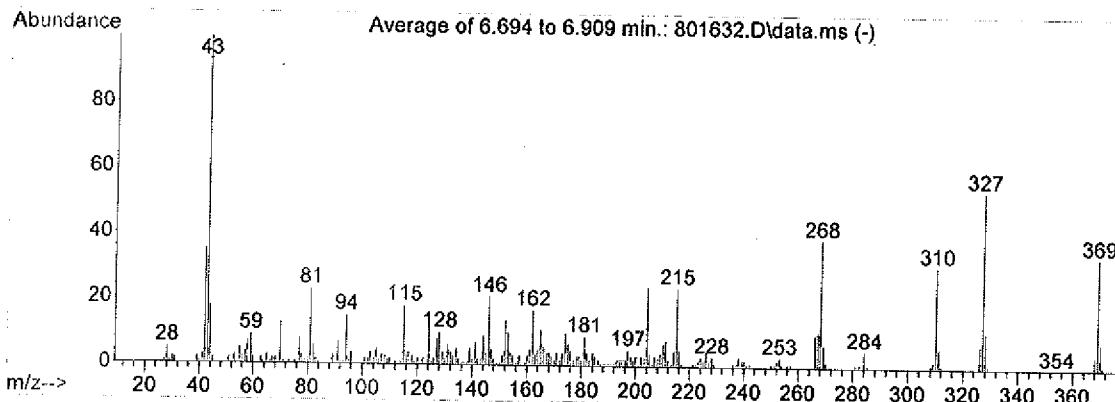
Ret. Time	Area	Area %	Ratio %
6.742	1124626	100.00	100.00

Information from Data File:
File Name   : K:\09_20_11\801632.D
Operator   : NEM
Date Acquired : 21 Sep 2011   8:38
Sample Name   : HEROIN STD
Submitted by :
Vial Number   : 24
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.74	C:\Database\NIST08.L		
		Diacetylmorphine	000561-27-3	99
		Diacetylmorphine	000561-27-3	99
		6-Monoacetylmorphine	002784-73-8	99

Average of 6.694 to 6.909 min.: 801632.D\data.ms (-)

#182184: Diacetylmorphine
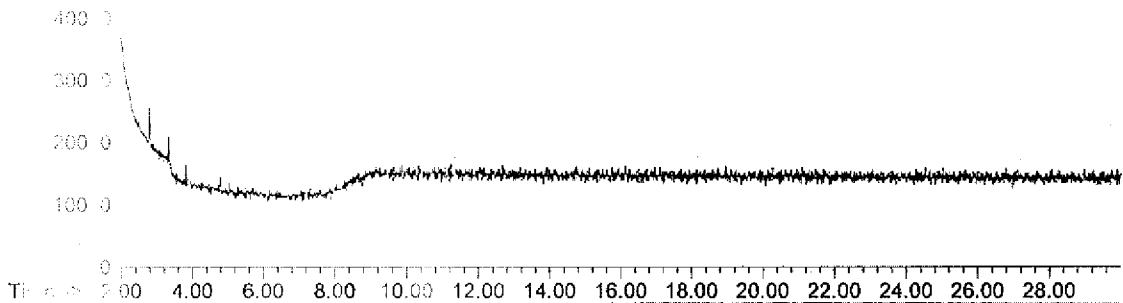
10/27/11
NEM ✓

Information from Data File:
File Name   : K:\09_20_11\801634.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   9:10
Sample Name   : BLANK
Submitted by   :
Vial Number   :   1
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Abundance   TIC: 801634.D\data.ms
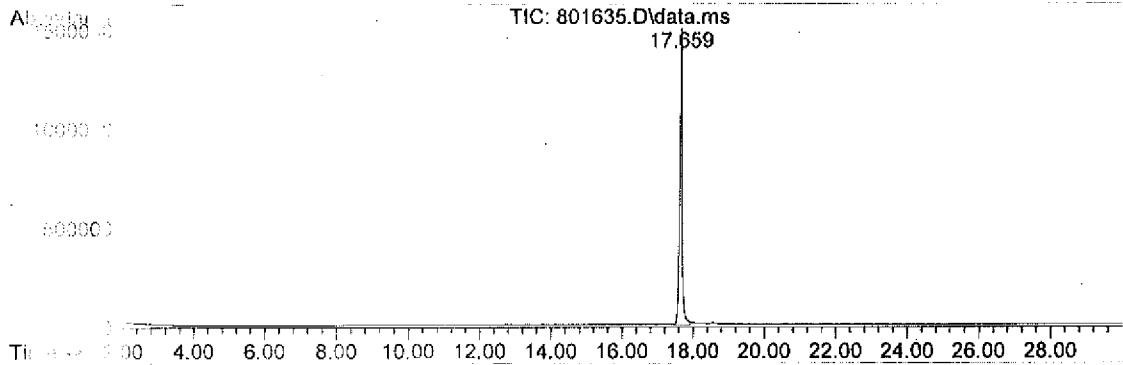
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

TIC: 801635.D\data.ms
17.659

Time→ 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

Ret Time	Area	Area %	Ratio %
17.65	7054212	100.00	100.00

Information from Data File:
File Name   : K:\09_20_11\801635.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   9:43
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 35
AcquisitionMeth : WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                      C:\Database\NIST08.L   Minimum Quality: 80
                      C:\Database\PMW_TOX2.L

Pk#	RT	Library/ID	CAS#	Qual
1	17.66	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95

Average of 17.455 to 17.922 min.: 801635.D\data.ms (-)

7209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

Area Percent / Library Search Report
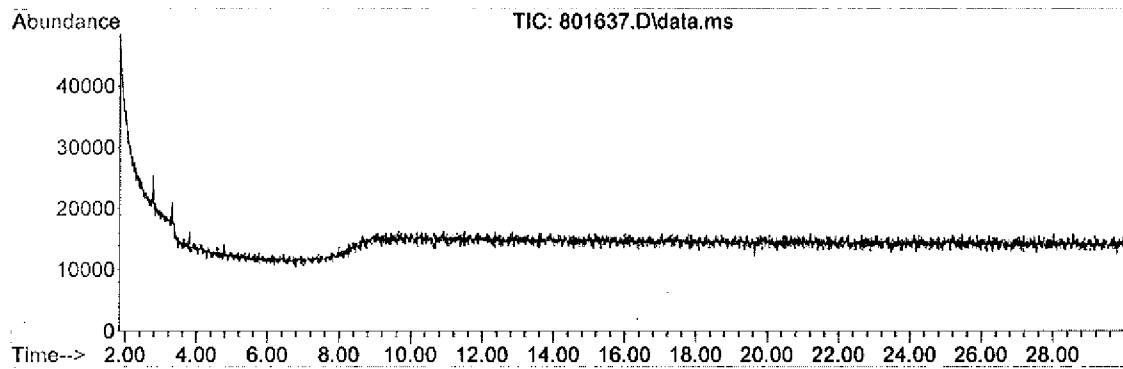
Information from Data File:
File Name   : K:\09_20_11\801637.D
Operator   : NEM
Date Acquired   : 21 Sep 2011 10:49
Sample Name   : BLANK
Submitted by   : KAC
Vial Number   : 1
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

TIC: 801637.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

801637.D   Thu Oct 27 14:59:04 2011   Page   1
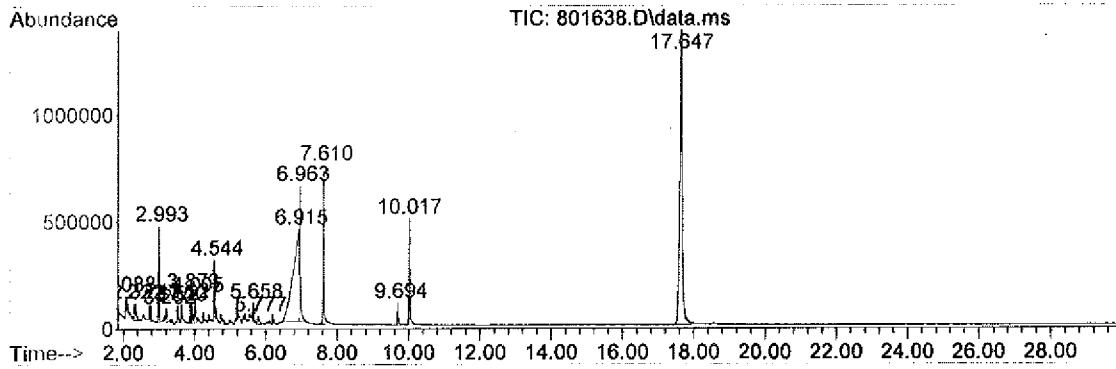
Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011 11:22
Sample Name   : ████████████
Submitted by   :   KAC
Vial Number   :   38
AcquisitionMeth: WSCREEN.M
Integrator   :   RTE
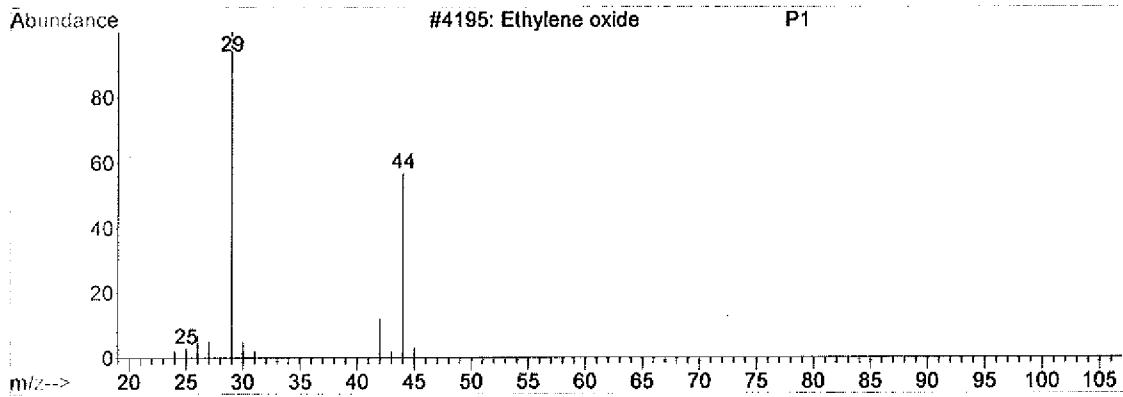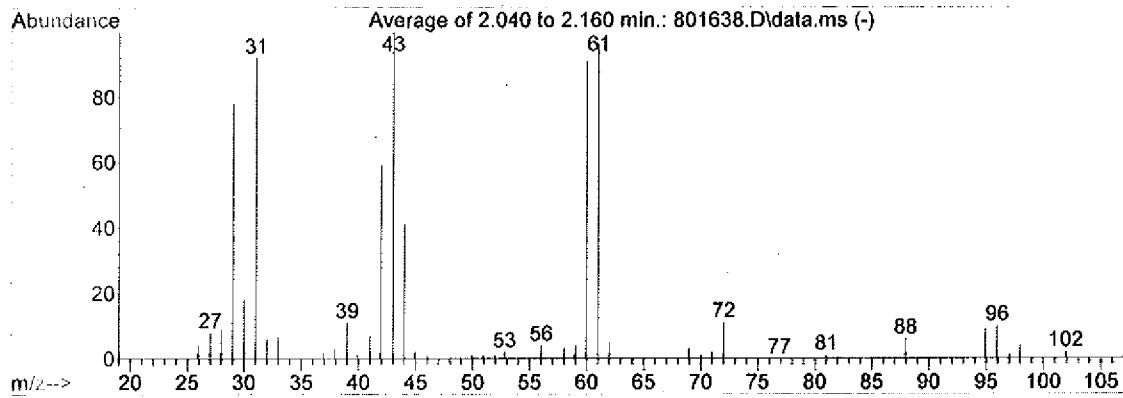
| Ret. Time	Area	Area %	Ratio %
2.088	383645	2.14	5.57
2.322	277956	1.55	4.03
2.747	131827	0.74	1.91
2.993	646917	3.62	9.39
3.202	134327	0.75	1.95
3.520	161251	0.90	2.34
3.621	183167	1.02	2.66
3.873	136278	0.76	1.98
3.927	181306	1.01	2.63
4.005	188355	1.05	2.73
4.544	350546	1.96	5.09
5.658	138518	0.77	2.01
5.777	124799	0.70	1.81
6.915	5139044	28.72	74.59
6.963	871766	4.87	12.65
7.610	886737	4.96	12.87
9.694	170366	0.95	2.47
10.017	894915	5.00	12.99
17.647	6890006	38.51	100.00

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST08.L   Minimum Quality: 80
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.09	C:\Database\PMW_TOX2.L		
		Ethylene oxide	000075-21-8	9
		Acetic acid	000064-19-7	4
		Disulfiram	000097-77-8	2
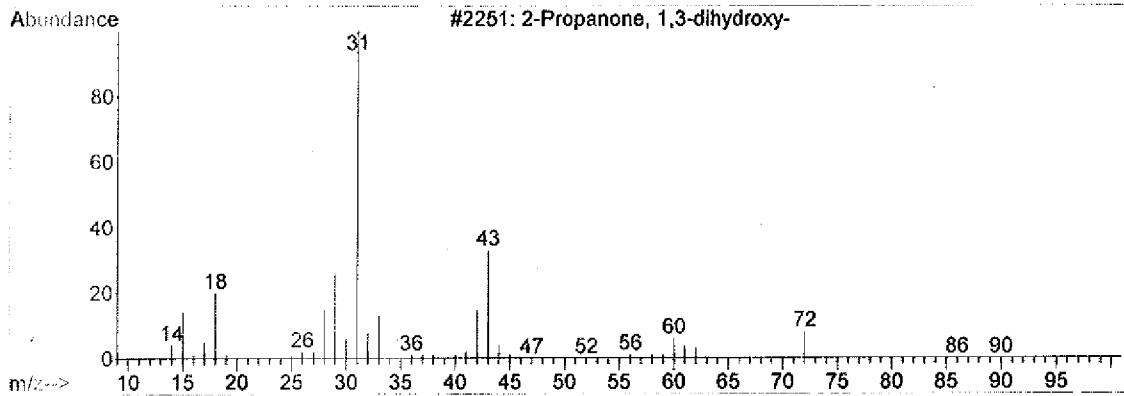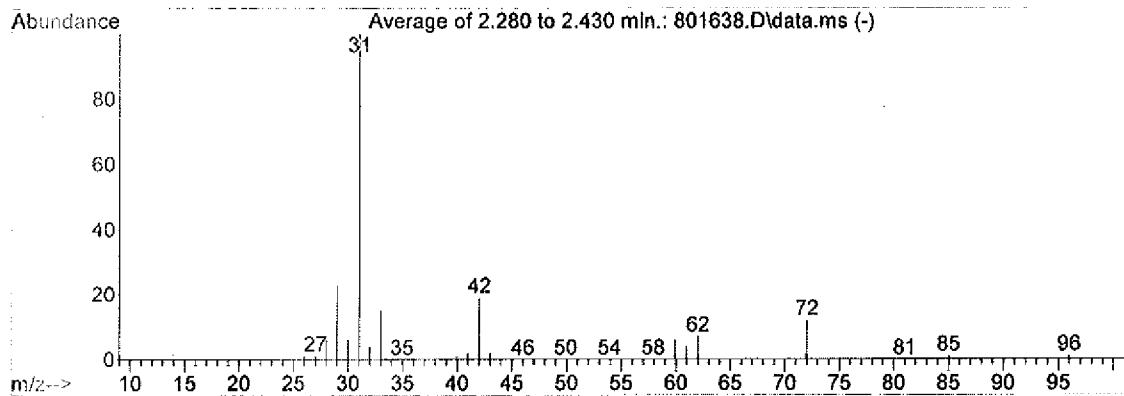
Abundance   Average of 2.040 to 2.160 min.: 801638.D\data.ms (-)

Abundance   #4195: Ethylene oxide   P1

Area Percent / Library Search Report

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011 11:22
Sample Name   :
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST08.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,2-Ethanediol	000107-21-1	40
		1,3-Dihydroxyacetone dimer	062147-49-3	38
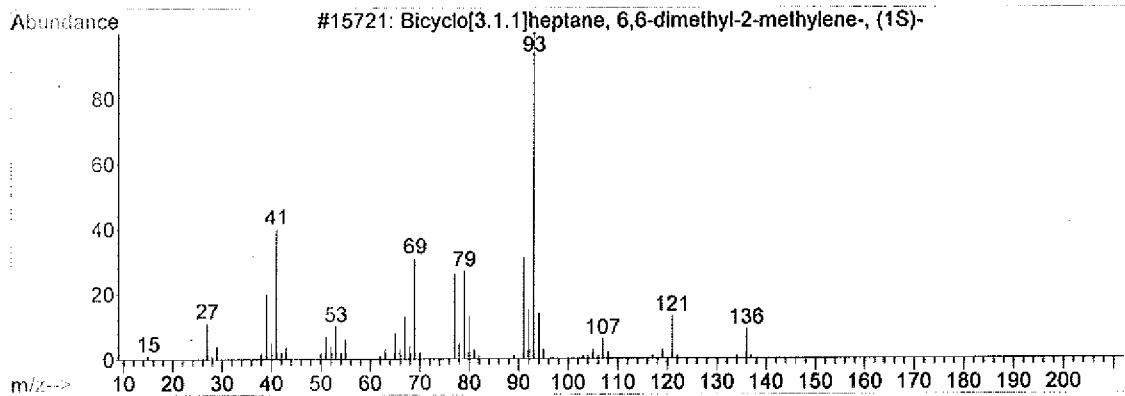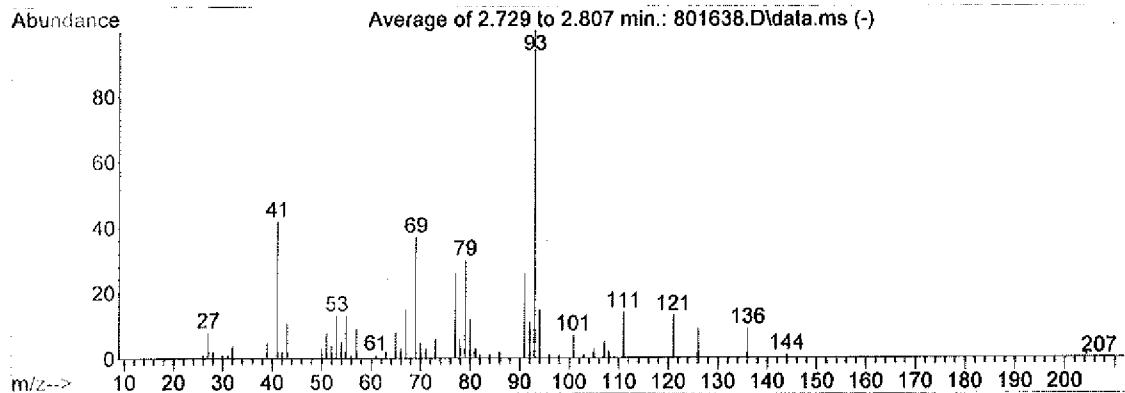
Average of 2.280 to 2.430 min.: 801638.D\data.ms (-)

#2251: 2-Propanone, 1,3-dihydroxy-

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Corbett_email_PRR_018073

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ▉▉▉▉▉▉▉▉▉
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.75	C:\Database\NIST08.L		
		Bicyclo[3.1.1]heptane, 6,6-dimethyl	018172-67-3	95
		.beta.-Pinene	000127-91-3	93
		.beta.-Pinene	000127-91-3	93
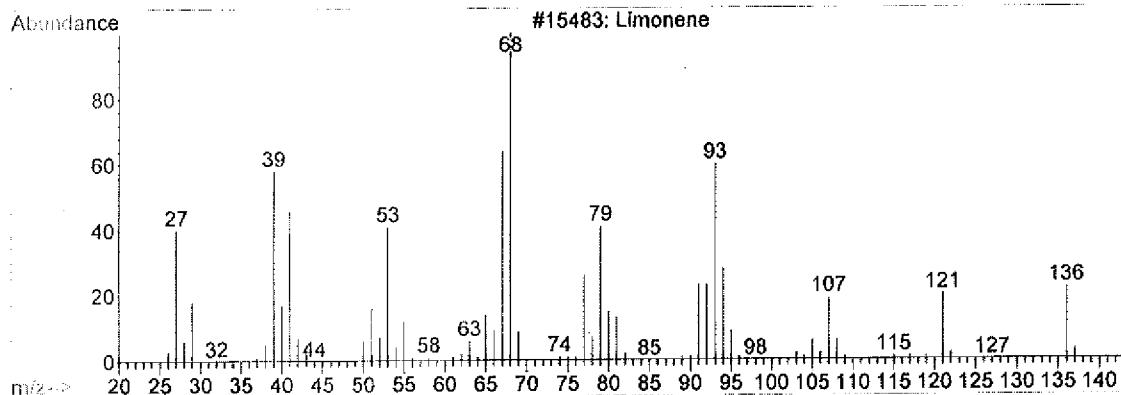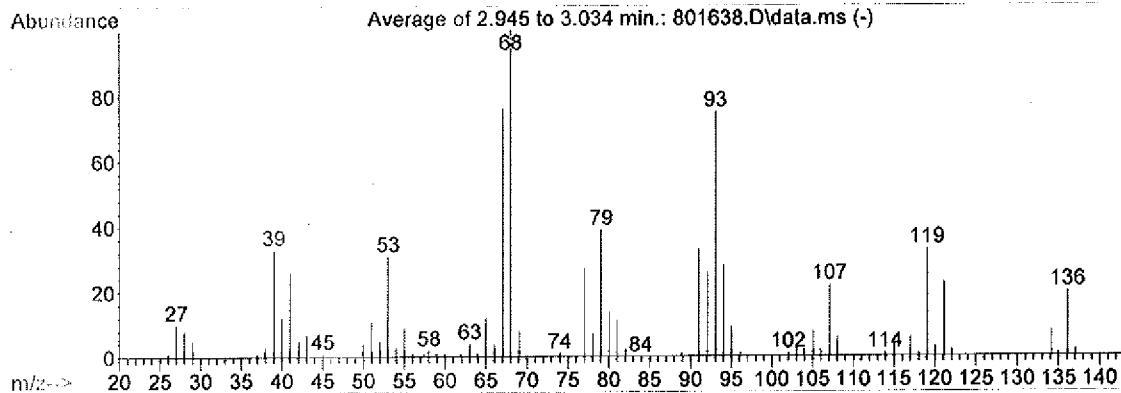
Average of 2.729 to 2.807 min.: 801638.D\data.ms (-)

#15721: Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-, (1S)-

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Area Percent / Library Search Report

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth : WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	2.99	C:\Database\NIST08.L		
		Limonene	000138-86-3	94
		D-Limonene	005989-27-5	93
		D-Limonene	005989-27-5	93
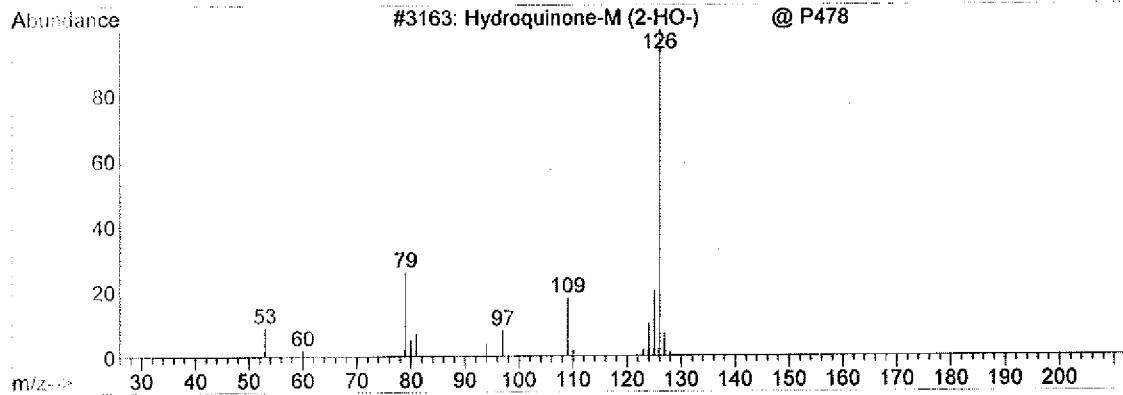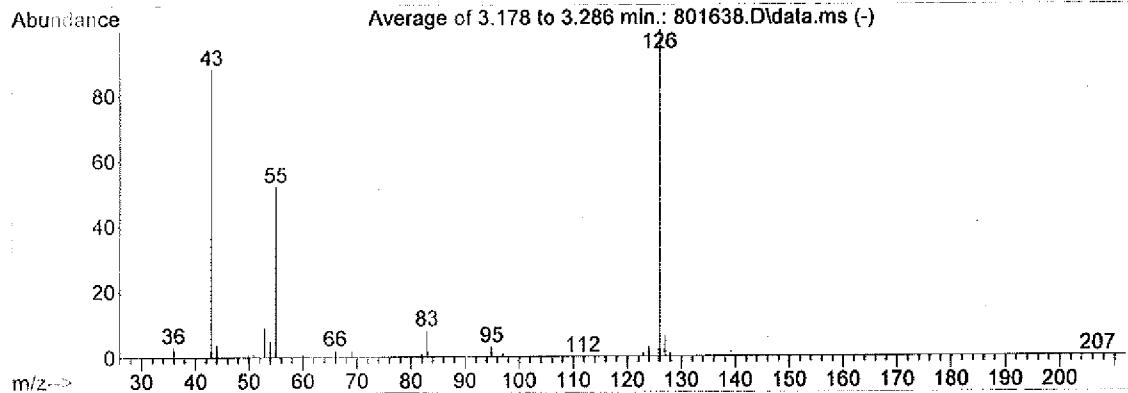
Average of 2.945 to 3.034 min.: 801638.D\data.ms (-)

#15483: Limonene

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : █████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth : WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.20	C:\Database\PMW_TOX2.L		
		Hydroquinone-M (2-HO-)	@ 000533-73-3	4
		Perhexiline-M (HO-) 2AC	000000-00-0	4
		Prolintane-M (HO-phenyl-)	000000-00-0	2
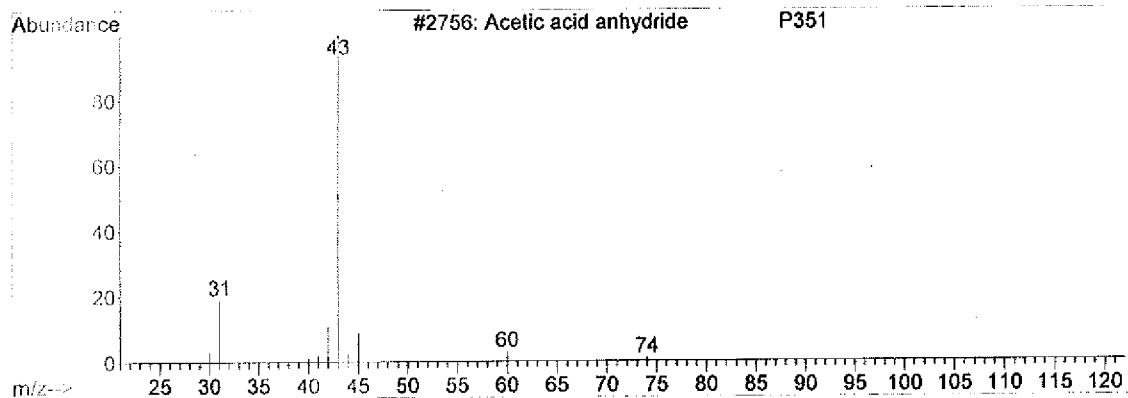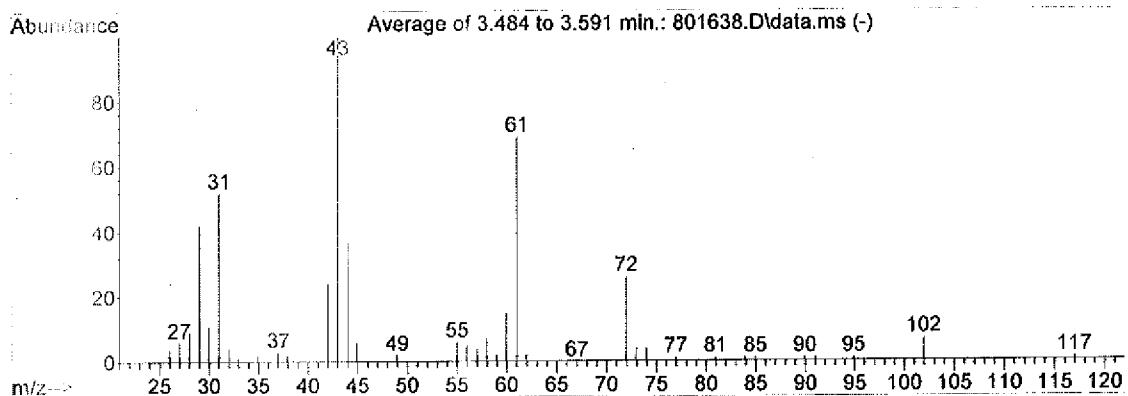
Average of 3.178 to 3.286 min.: 801638.D\data.ms (-)

#3163: Hydroquinone-M (2-HO-)   @ P478

Corbett_email_PRR_018076

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011   11:22
Sample Name   : ████████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.52	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	9
		Monolinuron	001746-81-2	2
		Ethylacetate	@ 000141-78-6	2
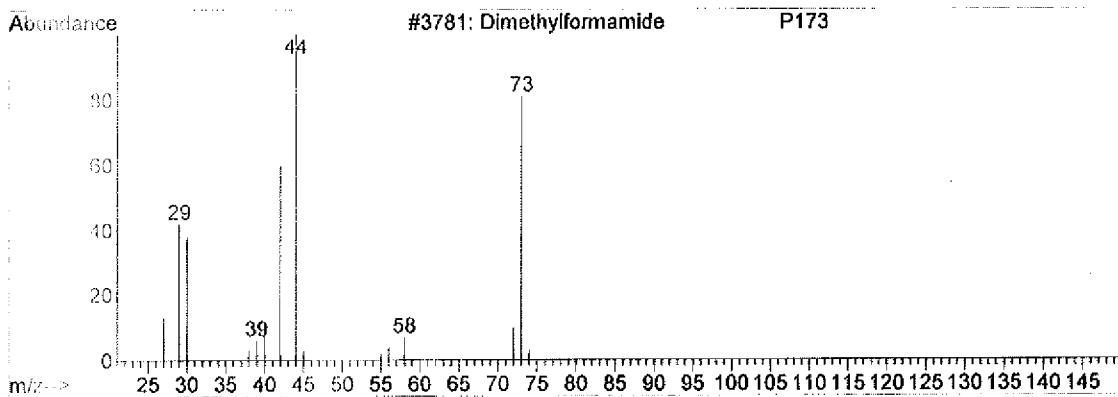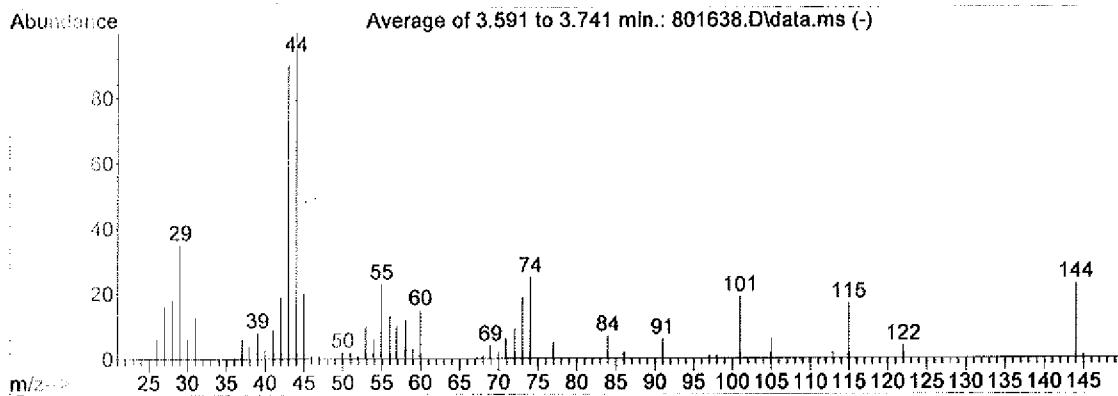
Average of 3.484 to 3.591 min.: 801638.D\data.ms (-)

#2756: Acetic acid anhydride   P351

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011   11:22
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

PK#	RT	Library/ID	CAS#	Qual

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

7	3.62	C:\Database\PMW_TOX2.L		
		Dimethylformamide	000068-12-2	17
		PCDI precursor (dimethylamine)	000124-40-3	5
		Air with Helium and Water	000000-00-0	1
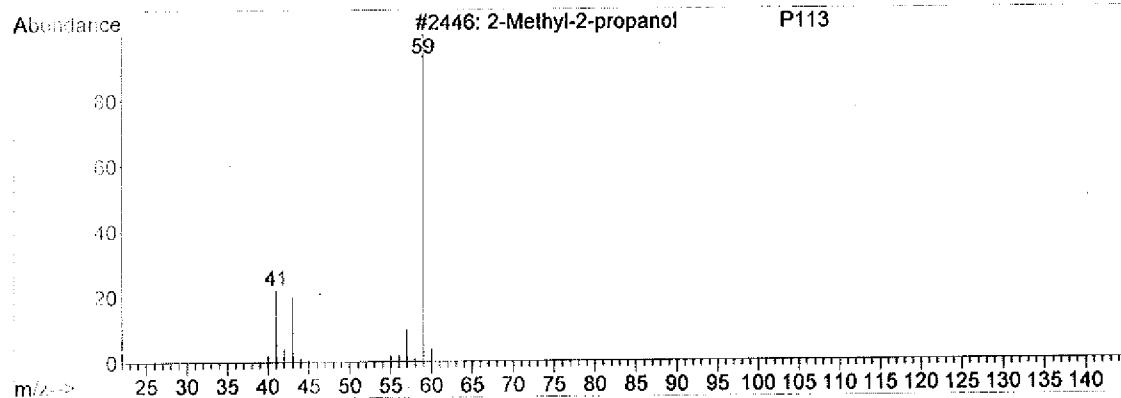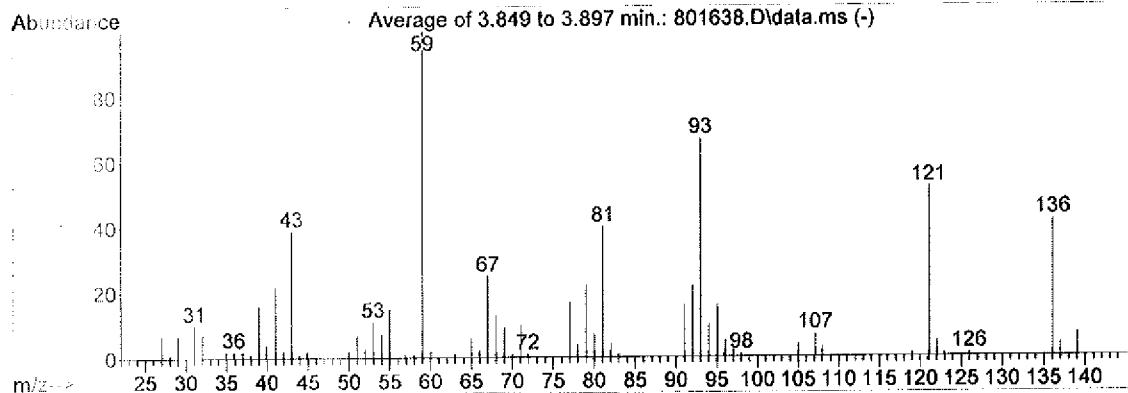
Average of 3.591 to 3.741 min.: 801638.D\data.ms (-)

#3781: Dimethylformamide   P173

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST08.L   Minimum Quality: 80
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	3.87	C:\Database\PMW_TOX2.L		
		2-Methyl-2-propanol	000075-65-0	4
		Trimethadion-M (nor-)	000000-00-0	2
		Diethylether	000060-29-7	1
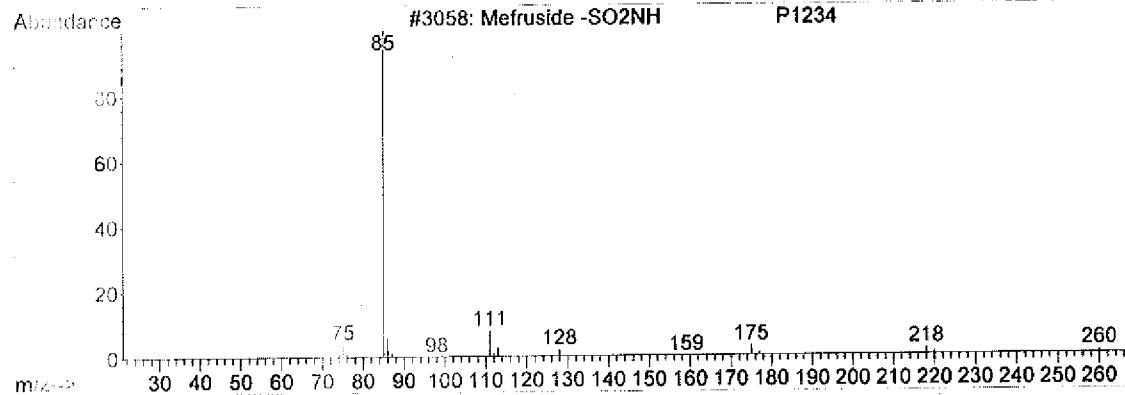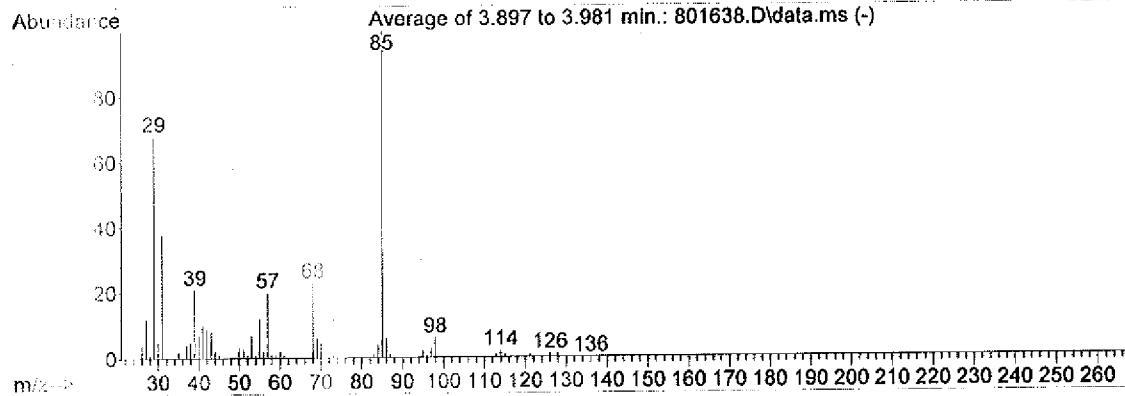
Average of 3.849 to 3.897 min.: 801638.D\data.ms (-)

#2446: 2-Methyl-2-propanol   P113

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011   11:22
Sample Name   : ██████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
9	3.93	C:\Database\PMW_TOX2.L		
		Mefruside -SO2NH	000000-00-0	2
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1
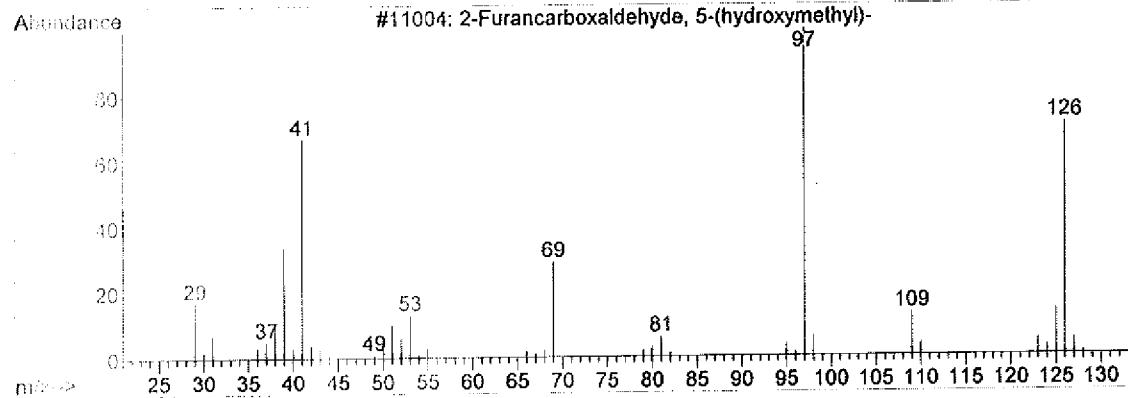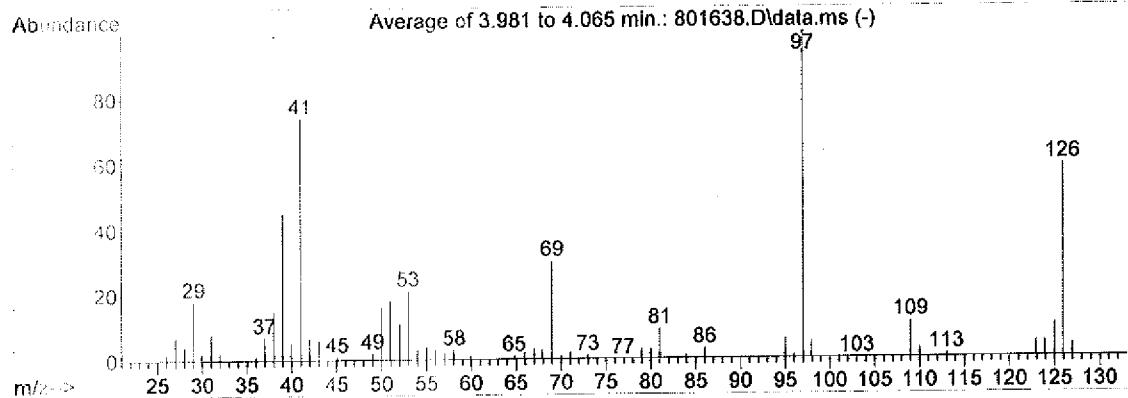
Abundance   Average of 3.897 to 3.981 min.: 801638.D\data.ms (-)

Abundance   #3058: Mefruside -SO2NH   P1234

Area Percent / Library Search Report

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011   11:22
Sample Name   : ████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST08.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
10	4.00	C:\Database\NIST08.L		
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	81
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	49
		1H-Pyrazole, 4,5-dihydro-3-methyl-1	026964-49-8	37
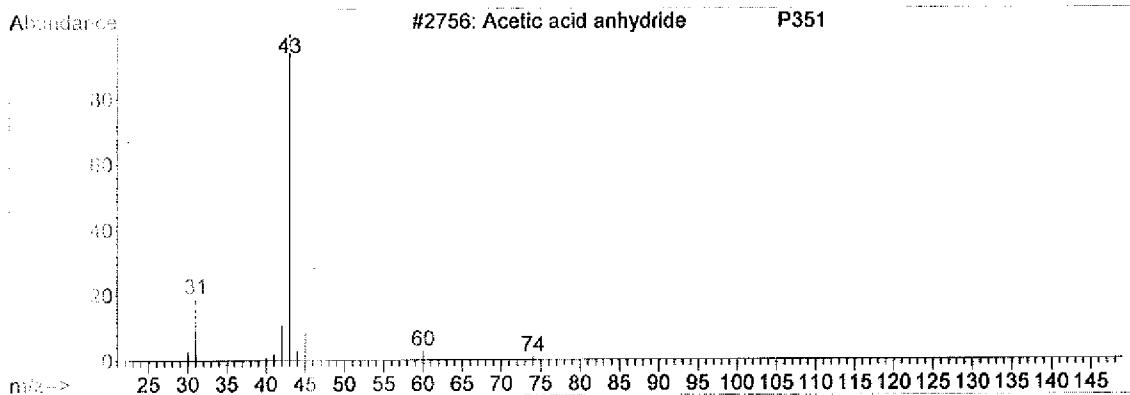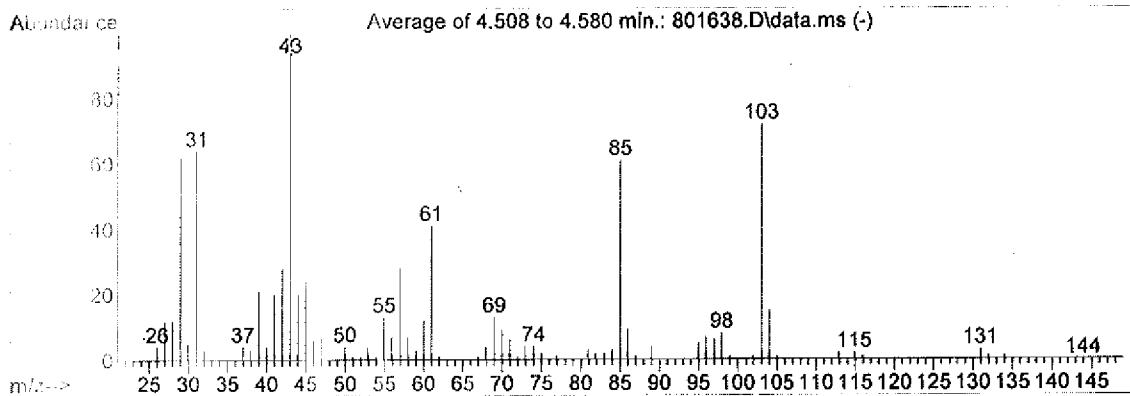
Average of 3.981 to 4.065 min.: 801638.D\data.ms (-)

#11004: 2-Furancarboxaldehyde, 5-(hydroxymethyl)-

Area Percent / Library Search Report

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
11	4.54	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	9
		Nifenalol artifact	000000-00-0	2
		Mefruside -SO2NH	000000-00-0	2
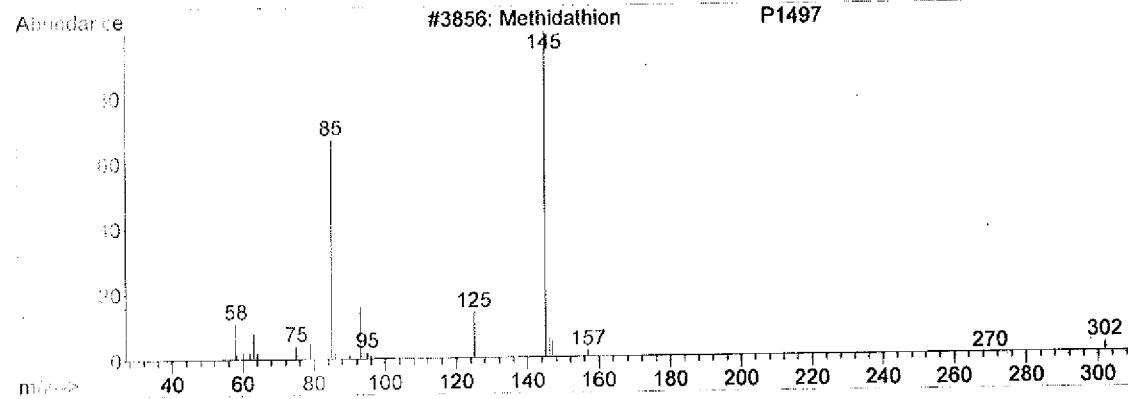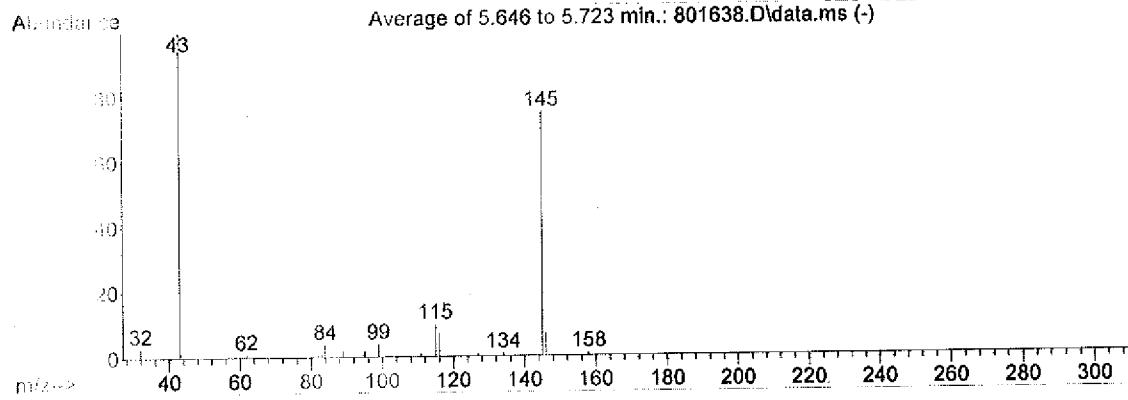
Average of 4.508 to 4.580 min.: 801638.D\data.ms (-)

#2756: Acetic acid anhydride   P351

Corbett_email_PRR_018082

Area Percent / Library Search Report

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
12	5.66	C:\Database\PMW_TOX2.L		
		Methidathion	000950-37-8	1
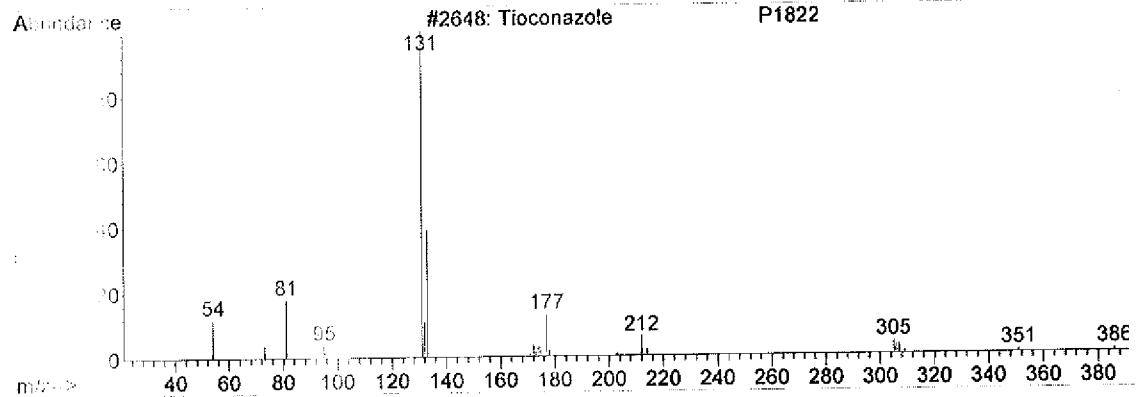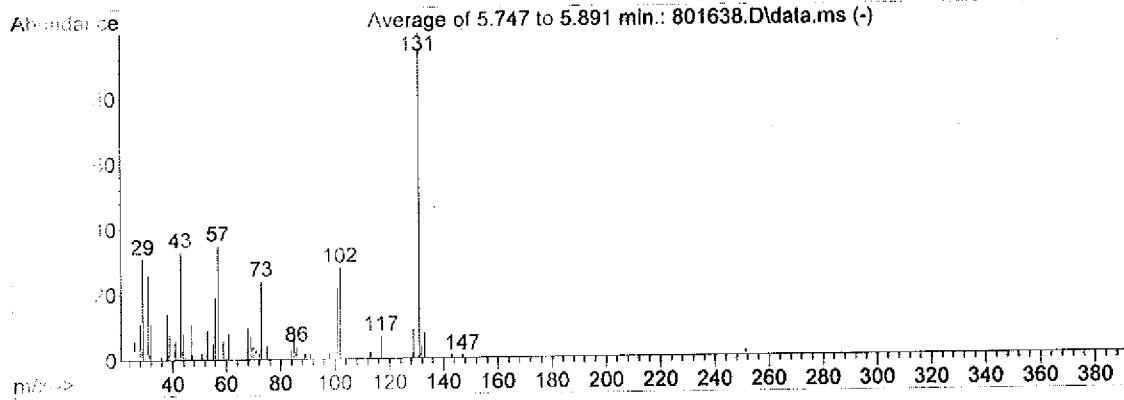
Average of 5.646 to 5.723 min.: 801638.D\data.ms (-)

#3856: Methidathion   P1497

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST08.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
13	5.78	C:\Database\PMW_TOX2.L Tioconazole	065899-73-2	1
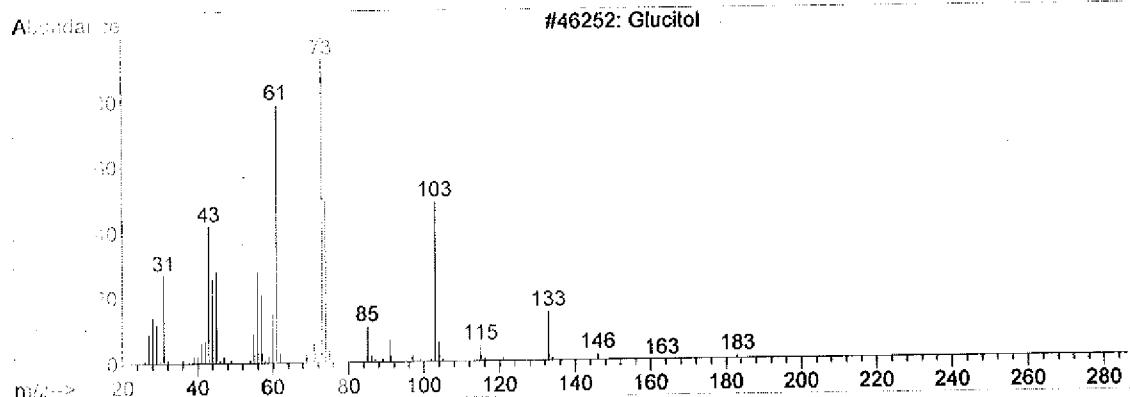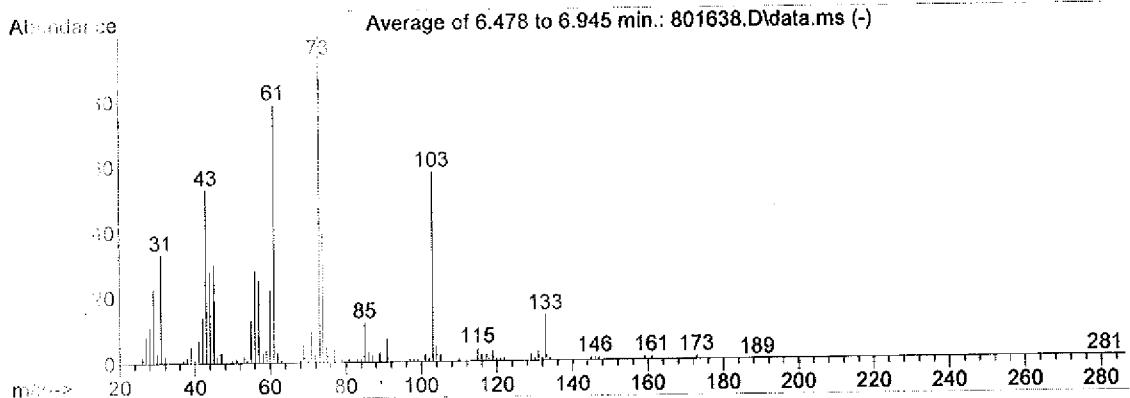
Abundance   Average of 5.747 to 5.891 min.: 801638.D\data.ms (-)

m/z-->   29 43 57 73   102 86 117   131   147   40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380

Abundance   #2648: Tioconazole   P1822

m/z-->   54 81 95   131   177   212   305 351 386   40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011 11:22
Sample Name   : ███████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST08.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
14	6.92	C:\Database\NIST08.L		
		Glucitol	026566-34-7	91
		Sorbitol	000050-70-4	90
		D-Mannitol	000069-65-8	86
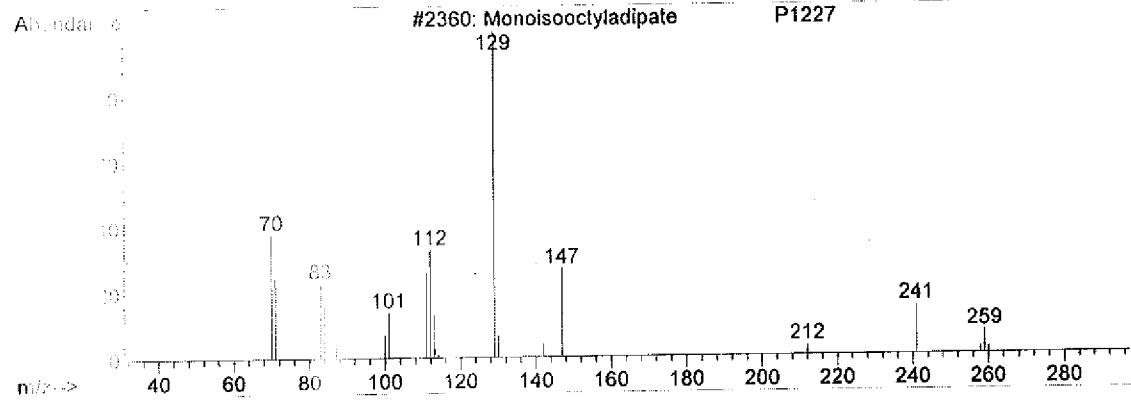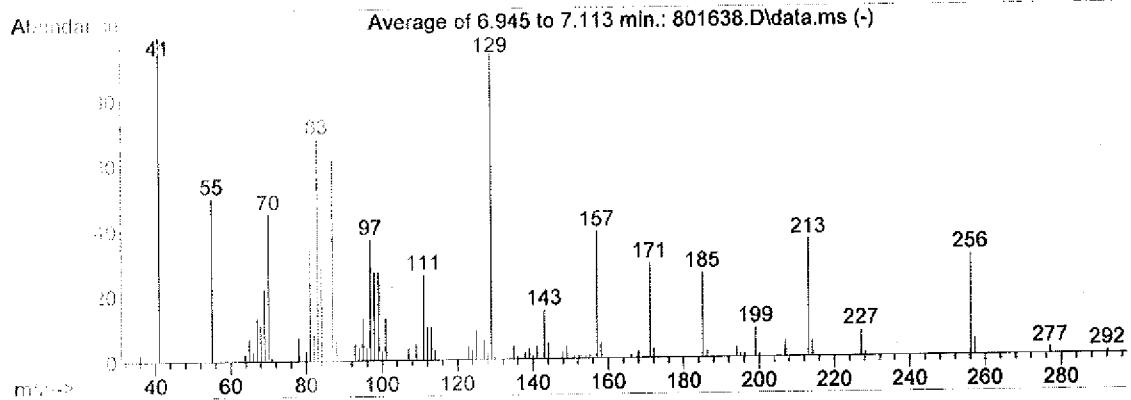
Average of 6.478 to 6.945 min.: 801638.D\data.ms (-)

#46252: Glucitol

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth : WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
15	6.96	C:\Database\PMW_TOX2.L		
		Monoisooctyladipate	004337-65-9	12
		Carbidopa 2MEAC	000000-00-0	7
		Metronidazole AC	000000-00-0	7
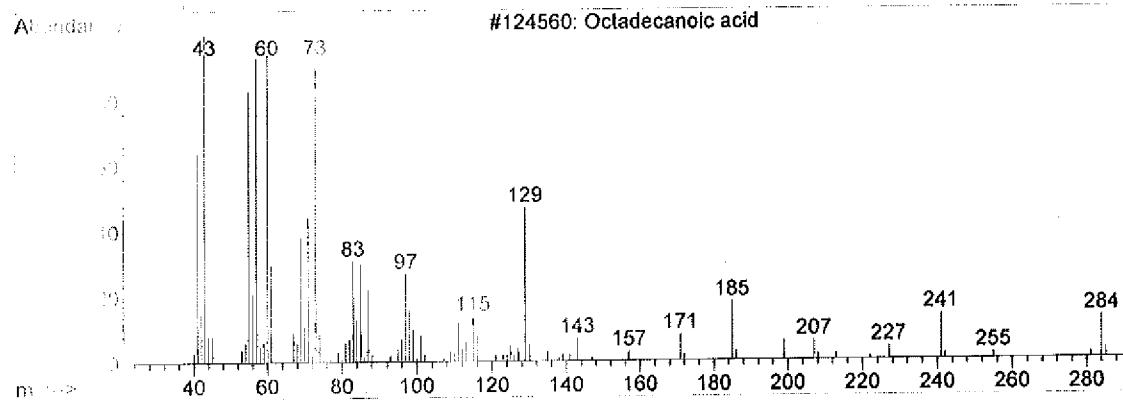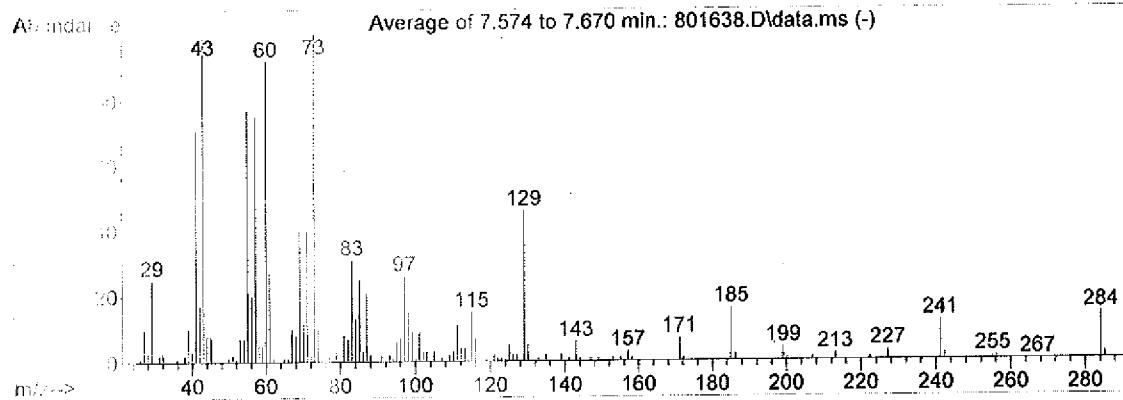
Average of 6.945 to 7.113 min.: 801638.D\data.ms (-)

#2360: Monoisooctyladipate   P1227

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011   11:22
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
16	7.61	C:\Database\NIST08.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
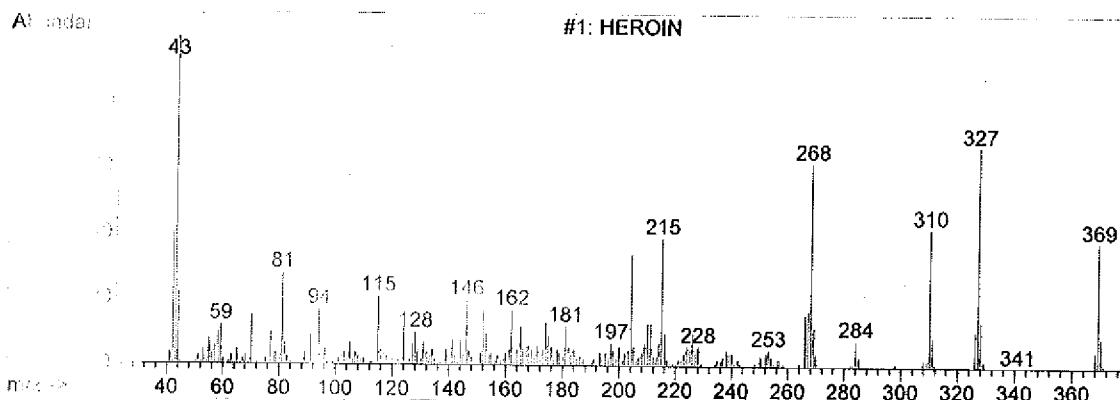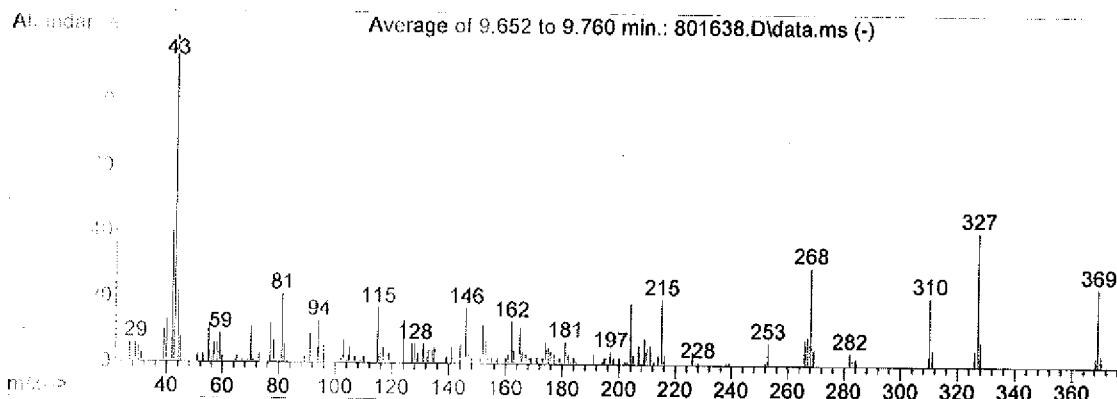
Average of 7.574 to 7.670 min.: 801638.D\data.ms (-)

#124560: Octadecanoic acid

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011 11:22
Sample Name   : ███████████
Submitted by :   KAC
Vial Number   :   38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST08.L   Minimum Quality: 80
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
17	9.69	C:\Database\SLI.L		
		HEROIN	000561-27-3	93
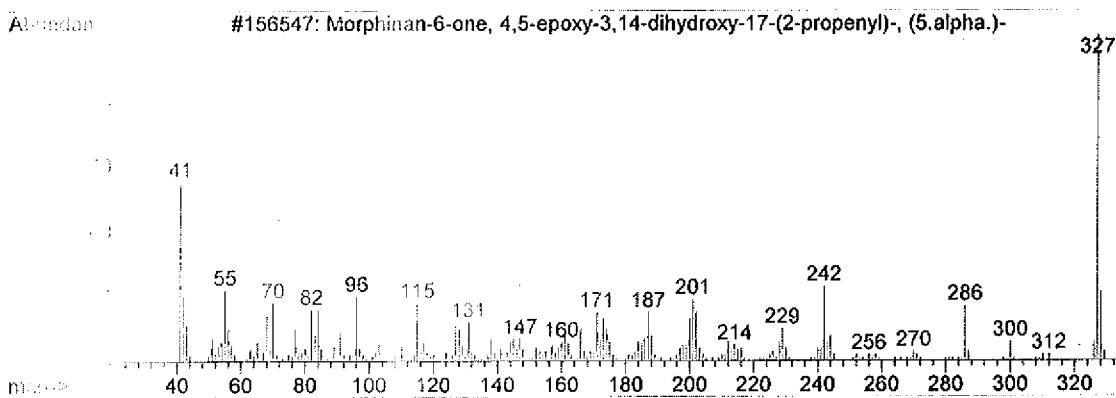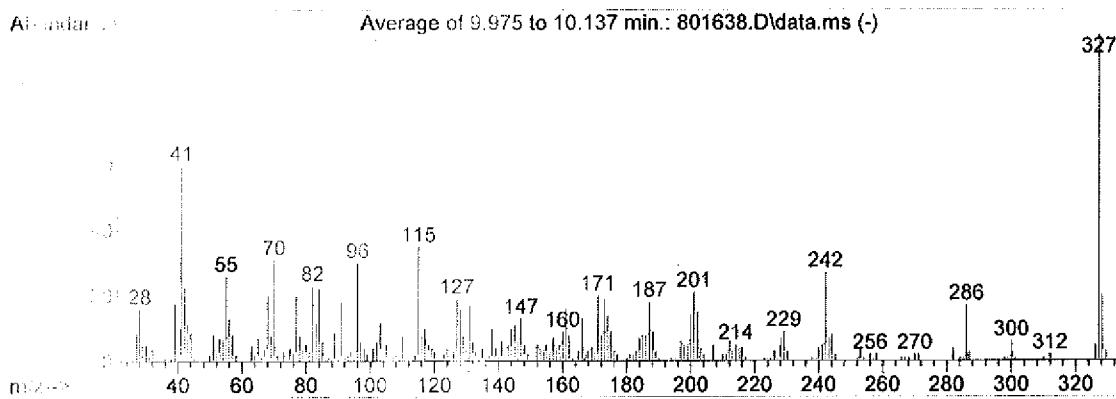
Average of 9.652 to 9.760 min.: 801638.D\data.ms (-)

#1: HEROIN

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired   : 21 Sep 2011 11:22
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST08.L   Minimum Quality: 80
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
38	10.02	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	91
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	76
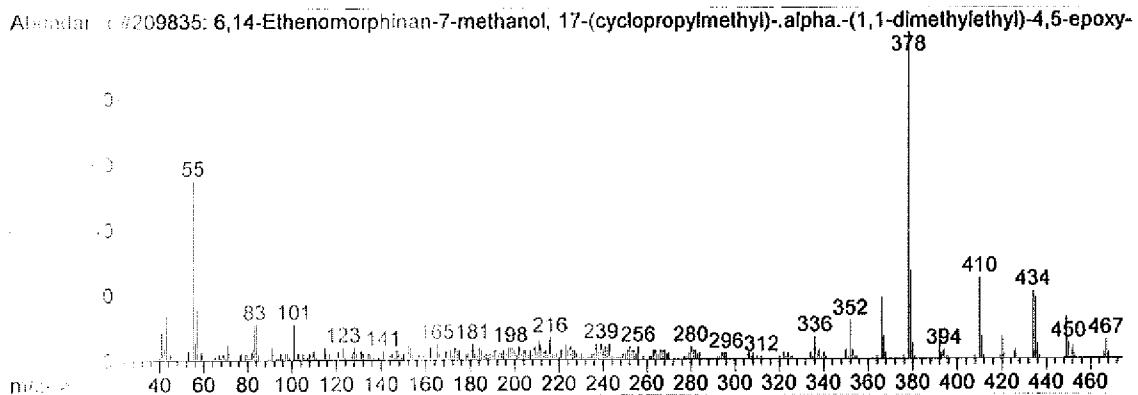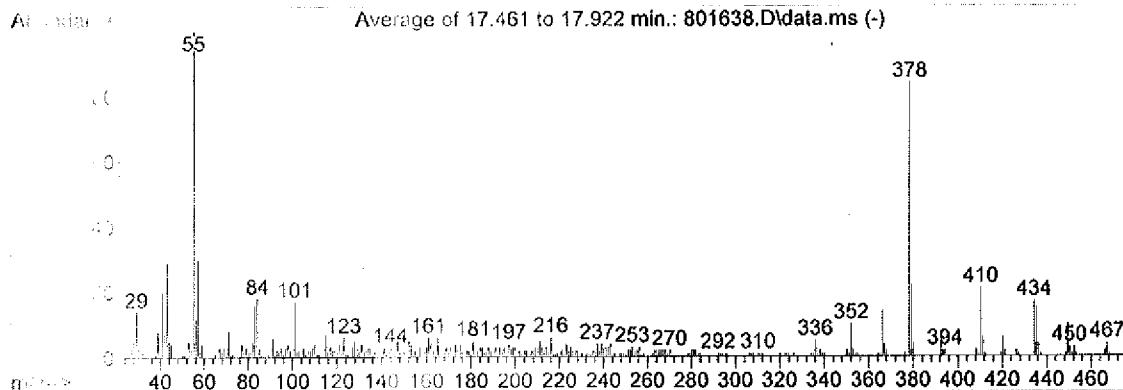
Average of 9.975 to 10.137 min.: 801638.D\data.ms (-)

#156547: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-

Information from Data File:
File Name   : K:\09_20_11\801638.D
Operator   : NEM
Date Acquired : 21 Sep 2011   11:22
Sample Name   : ███████
Submitted by   : KAC
Vial Number   : 38
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L
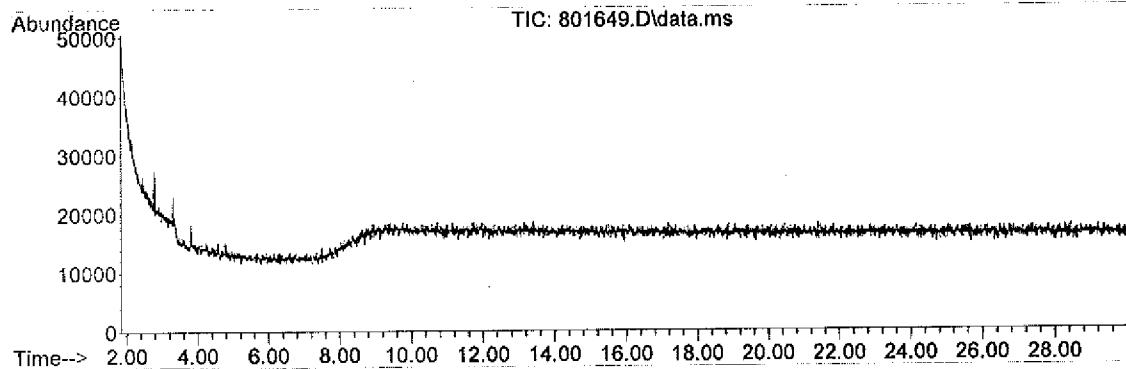
PK#	RT	Library/ID	CAS#	Qual

19	17.65	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95

Abundance   Average of 17.461 to 17.922 min.: 801638.D\data.ms (-)

Abundance   #209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

Area Percent / Library Search Report

Information from Data File:
File Name   : K:\09_20_11\801649.D
Operator   : NEM
Date Acquired   : 21 Sep 2011 17:26
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
AcquisitionMeth: WSCREEN.M
Integrator   : RTE
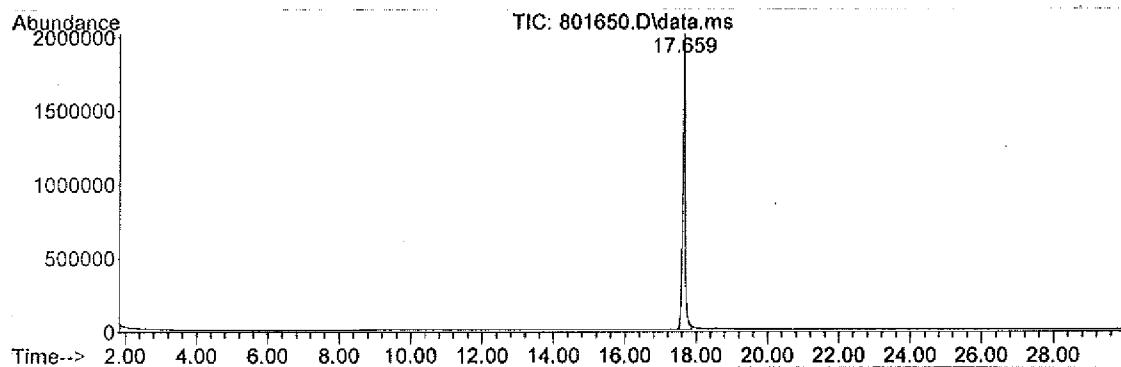
TIC: 801649.D\data.ms

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

801649.D   Thu Oct 27 14:58:30 2011   Page 1

Area Percent / Library Search Report

Information from Data File:
File Name   : K:\09_20_11\801650.D
Operator   : NEM
Date Acquired : 21 Sep 2011 18:00
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 35
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
17.659	9669267	100.00	100.00

Information from Data File:
File Name   : K:\09_20_11\801650.D
Operator   : NEM
Date Acquired : 21 Sep 2011 18:00
Sample Name   : BUPRENORPHINE STD
Submitted by :
Vial Number   : 35
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST08.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.66	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95

Abundance   Average of 17.461 to 17.880 min.: 801650.D\data.ms (-)

Abundance #209837: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

801650.D   Thu Oct 27 14:58:36 2011   Page   2